

In the Claims

1 – 20. (Previously Canceled);

21. (Currently Amended) A light guide plate, comprising:

first and second main surfaces facing each other,

at least one lateral surface connecting the first and second main surfaces,

a plurality of first triangular prisms formed on the first main surface and aligned in a row to a first direction, each having an obtuse protrusion and a first vertex angle; and

a plurality of second triangular prisms formed on the second main surface and aligned in a row to a second direction, each having an obtuse protrusion and a second vertex angle different from the first vertex angle, wherein the first vertex angle ranges from about 100° to about 120°, and the second vertex angle ranges from about 120° to about 140°.

22. (Previously Presented) The light guide plate of claim 21 wherein the first vertex angle is obtuse.

23. (Cancelled)

24. (Previously Presented) The light guide plate of claim 21 wherein the first vertex angle is about 108°.

25. (Previously Presented) The light guide plate of claim 21 wherein the second vertex angle is obtuse.

26. (Cancelled)

27. (Previously Presented) The light guide plate of claim 21 wherein the second vertex angle is about 135°.

28. (Previously Presented) The light guide plate of claim 21 wherein the second direction is substantially perpendicular to the first direction.

29. (Previously Presented) The light guide of claim 21 wherein at least one of the plurality of first triangular prisms has a first prism surface and a second prism surface, and
wherein the first prism surface and the second prism surface includes a concavo-convex pattern.

30. (Previously Presented) The light guide of claim 29 wherein the concavo-convex pattern has a triangular prism shape extending along the at least one of the plurality of first triangular prisms.

31. (Cancelled)

32. (Previously Presented) The light guide plate of claim 29, wherein the concavo-convex pattern has a rounded corner.

33. (Withdrawn) A light guide plate, comprising:
a first surface;
a second surface;

a third surface that connects the first surface and the second surface; and
a fourth surface that is opposite to the third surface,
wherein the first surface has a first prism pattern, the first prism pattern
comprises a plurality of first prisms having a first triangular cross-sectional
shape,
and the second surface has a second prism pattern, the second prism pattern
comprises a plurality of second prisms having a second triangular cross-sectional
shape,
wherein the first surface faces the second surface, and
wherein at least one of the third surface and the fourth is a first light incident
surface and the surface facing the first light incident surface is a second light
incident surface.

34. (Withdrawn) The light guide plate of claim 33, wherein the plurality of
first prisms are aligned in a row to a first direction, and the plurality of second
prisms are aligned in a row to the first direction and in a row to a second
direction

35. (Withdrawn) The light guide plate of claim 34, wherein the plurality of
second prisms have a different length.

36. (Withdrawn) The light guide plate of claim 35, wherein the plurality of
second prisms have an extended length in the first direction and gradually

increases from the first and the second light incident surfaces toward a center portion of the light guide plate.

37. (Withdrawn) The light guide plate of claim 33, wherein the plurality of first prisms and the plurality of second prisms are aligned in a row to the first direction and in a row to a second direction.

38. (Currently Amended) A liquid crystal display, comprising:
a liquid crystal display panel;
a backlight assembly; and
a module that accommodates the liquid crystal display panel and the backlight assembly,
wherein the backlight assembly comprises:

a light guide plate comprising:

a first surface having a first prism pattern, the first prism pattern comprising a plurality of first prisms aligned in a row to a first direction, the plurality of first prisms having an obtuse front protrusion and a first triangular cross-sectional shape; and

a second surface having a second prism pattern, the second prism pattern comprising a plurality of second prisms aligned in a row to a second direction, the plurality of second prisms having an obtuse protrusion and a second triangular cross-sectional shape,

wherein the first surface faces the second surface,

wherein the first triangular cross-sectional shape has a first vertex angle that is different from a second vertex angle of the second triangular cross-sectional shape, and wherein the first vertex angle ranges from about 100° to about 120°, and the second vertex angle ranges from about 120° to about 140°.

39. (Cancelled)

40. (Cancelled)

41. (Previously Presented) The light guide plate of claim 38, wherein the plurality of first prisms have a first prism surface and a second prism surface, and wherein the first prism surface and the second prism surface includes a concavo-convex pattern.

42. (New) The light guide plate of claim 21, wherein at least one of the triangular prisms has a curved vertex ridge of varying height.

43. (New) The liquid crystal display of claim 38, wherein at least one of the triangular prisms has a curved vertex ridge of varying height.